

## Fullagar, Jill

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**From:** ANTHONY Becky <Becky.Anthony@state.or.us>  
**Sent:** Friday, September 07, 2018 8:46 AM  
**To:** Fullagar, Jill  
**Subject:** Total phosphorus evaluations  
**Attachments:** 2012\_TPEvaluationSummary\_EPA.xlsx

Hi Jill,

I have attached the spreadsheet for the proposed 2012 Total Phosphorus listings with my summary analysis of the data. I included information on the total number of stations, total number of samples and number of exceedances of the 0.1 mg/L TP value, the geomean of the TP concentrations, and an analysis whether the water body exceeds the binomial distribution test with a Null Hypothesis = Exceedance proportion < 10% at 90% confidence. Please let me know if you have any questions about any of these sites or conclusions.

In general, we would prefer that a more general impairment such as “excessive nutrient” or “suspected nutrient impairment” may be more appropriate. In some of these cases, it is likely that N-limitation may also be a factor. Please give me a call to discuss.

Thanks!

Becky

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